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Robert Lance Cook 25791.25.08 2137
EXAMINER
THOMPSON, KENNETH L
ART UNIT PAPER NUMBER
3672
3672 DATE MAILED: 12/30/2005
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Please find below and/or attached an Office communication concerning this application or proceeding.

Best Available Copy

and the same of th	Application No.	Applicant(s)
	10/030,593	COOK ET AL.
Office Action Summary	Examiner	Art Unit
	Kenneth Thompson	3672
The MAILING DATE of this communication ap Period for Reply	ppears on the cover sheet with the c	orrespondence address
A SHORTENED STATUTORY PERIOD FOR REP WHICHEVER IS LONGER, FROM THE MAILING I. Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory periol. Failure to reply within the set or extended period for reply will, by statu. Any reply received by the Office later than three months after the mail earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNICATION .136(a). In no event, however, may a reply be tind d will apply and will expire SIX (6) MONTHS from tte. cause the application to become ABANDONE	N. nely filed the mailing date of this communication. ID (35 U.S.C. § 133).
Status		
1) ⊠ Responsive to communication(s) filed on 14 2a) □ This action is FINAL. 2b) ⊠ Th 3) □ Since this application is in condition for allow closed in accordance with the practice under	is action is non-final. ance except for formal matters, pro	
Disposition of Claims		
4) ⊠ Claim(s) 1-28,61,64-66,68-77,79-84 and 86-4a) Of the above claim(s) is/are withdr 5) ⊠ Claim(s) 1-3,7,21-25,28,61,64-66,68-77,79-86) ⊠ Claim(s) 4-6 is/are rejected. 7) ⊠ Claim(s) 8-20,26,27,95-98,121-123 and 130 B) □ Claim(s) are subject to restriction and	awn from consideration. 34,86-94,99-120,124-129 and 131 is/are objected to.	
Application Papers '		•
9) The specification is objected to by the Examin	ner.	
10)☐ The drawing(s) filed on is/are: a)☐ ad		
Applicant may not request that any objection to the		
Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the		
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority docume 2. Certified copies of the priority docume 3. Copies of the certified copies of the priority docume application from the International Bure * See the attached detailed Office action for a li	nts have been received. Ints have been received in Applicat Piority documents have been receive Pau (PCT Rule 17.2(a)).	tion No red in this National Stage
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/0 Paper No(s)/Mail Date 10/05.	4) Interview Summary Paper No(s)/Mail D 5) Notice of Informal 6) Other:	

Application/Control Number: 10/030,593

Art Unit: 3672

DETAILED ACTION

Claim Objections

Claims 8-20, 26, 27, 95-98, 121-123 and 130 are objected to because of the following informalities:

The recitation "circumferential groove" in claim 8, line 7 lacks antecedent basis. Claims 9-20, 26, 27 and 95-98 depend from claim 8 and are likewise objected to. Claims 121-123 and 130 have a similar recitation are likewise objected to. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 4-6, are rejected under 35 U.S.C. 102(b) as being anticipated by Rabe, U.S. 4,779,4455.

Regarding claims 4-6, Rabe discloses a second tubular member (14) and a first tubular member (15) having an interior diameter substantially equal to the expanded inner diameter of the second tubular.

Allowable Subject Matter

Claims 1-3, 7, 21-25, 28, 61, 64-66, 68-77, 79-84, 86-94, 99-120, 124-129 and 131 are allowed

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Claims objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record does not disclose or suggest all the claimed subject matter including relative burst strengths.

The prior art of record does not disclose or suggest all the claimed subject matter including plastically deforming the tubular members.

Response to Arguments

Applicant's arguments are persuasive. Therefore, the rejections have been withdrawn. However, upon further consideration, a new grounds of rejection is made.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth Thompson whose telephone number is 571 272-7037. The examiner can normally be reached on 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David J. Bagnell can be reached on 571-272-6999. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

26 December 2005

Kenneth Thompson Primary Examiner Art Unit 3672

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

TWO STEP RADIAL EXPANSION

Application Number:

10/030593

Confirmation Number:

2137

First Named Applicant:

Robert Cook

Attorney Docket Number:

25791.25.08

Art Unit:

3672

Examiner:

Kenneth Thompson

Search string:

(1756531 or 2145168 or 2383214 or 2546295 or 2627891 or 3068563 or 3210102 or 3343252 or 3427707 or 3528498 or 3667547 or 3709306 or 3942824 or 4125937 or 4226449 or 4257155 or 4355664 or 4401325 or 4422507 or 4442586 or 4449713 or 4468309 or 4530231 or 4541655 or 4550782 or 4595063 or 4649492 or 4754781 or 4758025 or 4778088 or 4779445 or 4836579 or 4854338 or 4904136 or 4915177 or 4917409 or 4919989 or 4930573 or 4995464 or 5031370 or 5064004 or 5195583 or 5327964 or 5554244 or 5566772 or 5738146 or 6390720 or 6419025 or 6516887

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Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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Signature

Examiner Name	Date
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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TWO STEP RADIAL EXPANSION

Application Number:

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Examiner:

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(6543552 or 6591905 or 6622797 or 6698517 or 6701598 or 6702030 or 6712401 or 6719064 or 6722443 or 6722437 or 6732806 or 6820690 or 6832649 or 6834725 or 6843322 or 6857473 or 6892819 or 6902000 or 6902652 or 20020020531 or 20030042022 or 20040060706 or 20040221996 or 20040231839 or 20040262014

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Signature

Examiner Name	Date
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Sheet 1 of 1

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Attomey Docket Number

In place of U.S. DEPARTMENT OF COMMERCE PTOMA49 Form PATENT AND TRADEMARK OFFICE **Ü. S. DEPARTMENT OF COMMERCE** Complete if Known Application Number 10/030,593 ATTENT Filing Date 10/29/2002 **INFORMATION DISCLOSURE** Applicant(s) Cook al. STATEMENT BY APPLICANT Art Unit 3672 (use as many sheets as necessary) Examiner Name Kenneth Thompson

OF

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In place of PTO-1449 Form

U. S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

PATENT AND TRADEMARK OFFICE Complete if Known

Application Number 10/030,593

Filing Date 10/29/2002

Applicant(s) Cook
Art Unit 3672

Examiner Name Kenneth Thompson

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